

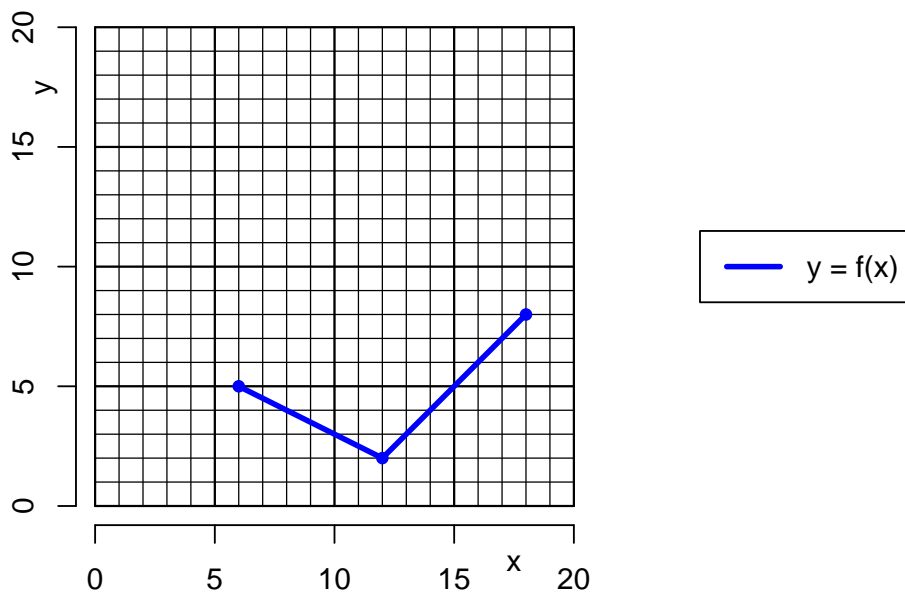
Name: \_\_\_\_\_

Date: \_\_\_\_\_

## PCW\_09\_18 Find new points after transformation (version 1)

### Question 1

Curve  $y = f(x)$  contains points  $(6, 5)$  and  $(12, 2)$  and  $(18, 8)$ , as shown on the  $x$ - $y$  plane below.

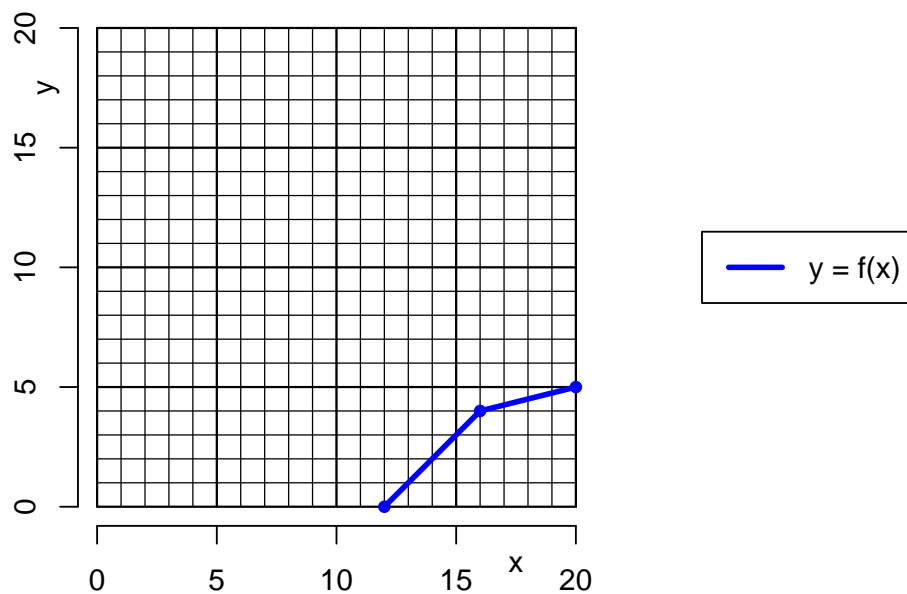


On the same plane, please draw the curve represented by the equation below:

$$y = 2f[3(x + 2)] - 4$$

## Question 2

Curve  $y = f(x)$  contains points  $(12, 0)$  and  $(16, 4)$  and  $(20, 5)$ , as shown on the  $x$ - $y$  plane below.



On the same plane, please draw the curve represented by the equation below:

$$y = 3f[2(x + 2)] + 3$$